

SEQUENCE LISTING

<110> Ligensa, Tanja
Schumacher, Ralf
Weidner, Michael

<120> IGF-1 Receptor Interacting Proteins

<130> 09/453,195

<140> 09/453,195

<141> 1999-12-02

<150> EPO 98122992.5

<151> 1998-12-03

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 1707

<212> DNA

<213> Homo sapiens

<220>

<223> n at position 186, 187, 203, and 205 is a, t, g, or c.

<400> 1

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ctgagccagg ccgtggaggg ctgggcgtgg gggagccagg gcctctgggc ggaggtgggt 180
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<210> 2

<211> 333

<212> PRT

<213> Homo sapiens

<220>

<223> Xaa at position 42, 47, and 48 is any one of the twenty naturally occurring amino acids.

<400> 2

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			20					25					30		
Gly	Pro	Leu	Gly	Gly	Gly	Gly	Ser	Gly	Xaa	Pro	Gln	Met	Gly	Xaa	Xaa
		35					40					45			
Pro	Pro	Pro	Pro	Ala	Leu	Arg	Pro	Arg	Leu	Val	Phe	His	Thr	Gln	Leu
	50					55					60				
Ala	His	Gly	Ser	Pro	Thr	Gly	Arg	Ile	Glu	Gly	Phe	Thr	Asn	Val	Lys
65					70					75					80
Glu	Leu	Tyr	Gly	Lys	Ile	Ala	Glu	Ala	Phe	Arg	Leu	Pro	Thr	Ala	Glu
				85					90					95	
Val	Met	Phe	Cys	Thr	Leu	Asn	Thr	His	Lys	Val	Asp	Met	Asp	Lys	Leu
			100					105					110		
Leu	Gly	Gly	Gln	Ile	Gly	Leu	Glu	Asp	Phe	Ile	Phe	Ala	His	Val	Lys
		115					120					125			
Gly	Gln	Arg	Lys	Glu	Val	Glu	Val	Phe	Lys	Ser	Glu	Asp	Ala	Leu	Gly
	130					135						140			
Leu	Thr	Ile	Thr	Asp	Asn	Gly	Ala	Gly	Tyr	Ala	Phe	Ile	Lys	Arg	Ile
145					150					155					160
Lys	Glu	Gly	Ser	Val	Ile	Asp	His	Ile	His	Leu	Ile	Ser	Val	Gly	Asp
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			180					185					190		
Glu	Val	Ala	Arg	Leu	Leu	Lys	Glu	Leu	Pro	Arg	Gly	Arg	Thr	Phe	Thr
		195					200					205			
Leu	Lys	Leu	Thr	Glu	Pro	Arg	Lys	Ala	Phe	Asp	Met	Ile	Ser	Gln	Arg
	210					215					220				

Ser Ala Gly Gly Arg Pro Gly Ser Gly Pro Gln Leu Gly Thr Gly Arg
 225 230 235 240

Gly Thr Leu Arg Leu Arg Ser Arg Gly Pro Ala Thr Val Glu Asp Leu
 245 250 255

Pro Ser Ala Phe Glu Glu Lys Ala Ile Glu Lys Val Asp Asp Leu Leu
 260 265 270

Glu Ser Tyr Met Gly Ile Arg Asp Thr Glu Leu Ala Ala Thr Met Val
 275 280 285

Glu Leu Gly Lys Asp Lys Arg Asn Pro Asp Glu Leu Ala Glu Ala Leu
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Asp Glu Arg Leu Gly Asp Phe Ala Phe Pro Asp Glu Phe Val Phe Asp
 305 310 315 320

Val Trp Gly Ala Ile Gly Asp Ala Lys Val Gly Arg Tyr
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<210> 3
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <223> n at position 369 is a, t, g, or c.

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 ccaaagacaa ggcagaaagt cactgcccac gccggaggcc ccggggatcc catgcttttt 180
 tcaagcccag agacagatga gaagcttttt atatgtgcgc agtgtggcaa aaccttcaac 240
 aatacctcca acctgagaac gcaccagcgg atccacactg gcgagaagcc ctacatgtgt 300
 tccgagtgtg gcaagagttt ctcccggagc tccaaccgca tccggcacga gcgcatccac 360
 ctggaagana agcactctga 380

<210> 4
 <211> 126
 <212> PRT
 <213> Homo sapiens

<220>
 <223> Xaa at position 123 is any one of the twenty naturally occurring amino acids.

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Asp Ser Gln Ile Thr Pro Arg Glu Asp His Gly Gln Glu Ser Leu Leu
 20 25 30

Ala Gly Leu His Gly Thr His Pro Pro Lys Thr Arg Gln Lys Val Thr
35 40 45

Ala Gln Ala Gly Gly Pro Gly Asp Pro Met Leu Phe Ser Ser Pro Glu
50 55 60

Thr Asp Glu Lys Leu Phe Ile Cys Ala Gln Cys Gly Lys Thr Phe Asn
65 70 75 80

Asn Thr Ser Asn Leu Arg Thr His Gln Arg Ile His Thr Gly Glu Lys
85 90 95

Pro Tyr Met Cys Ser Glu Cys Gly Lys Ser Phe Ser Arg Ser Ser Asn
100 105 110

Arg Ile Arg His Glu Arg Ile His Leu Glu Xaa Lys His Ser
115 120 125

<210> 5
<211> 678
<212> DNA
<213> Homo sapiens

<400> 5
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cagaagactt cagccactaa aaactgtttg aagaatctaa gcagccactg gctgatgaag 180
tcagagccag agagccgcct agagaaaggt gtagatgtga agttcagcat tgaggatctc 240
aaagcacagc ccaaacagac aacatgctgg gatggtgttc gtaactacca ggctcggaac 300
ttccttagag ccatgaagct gggagaagaa gccttcttct accatagcaa ctgcaaagag 360
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gagaaaaaca atccccatta tgacctatct agcaaagagg acaaccctaa gtggtccatg 480
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tatcatcaag ctacaaaagc tactgggtgc cccttaaaaa atatggttct cttcactcgc 600
cagagattat caatccagcc cctgaccag gaagagtttg attttgttt gagcctggag 660
gaaaaggaac caagttaa 678

<210> 6
<211> 225
<212> PRT
<213> Homo sapiens

<400> 6
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20 25 30

Ala Lys Val Glu Asp Ser Asn Pro Gln Lys Thr Ser Ala Thr Lys Asn
35 40 45

Cys Leu Lys Asn Leu Ser Ser His Trp Leu Met Lys Ser Glu Pro Glu
50 55 60

Ser Arg Leu Glu Lys Gly Val Asp Val Lys Phe Ser Ile Glu Asp Leu
 65 70 75 80
 Lys Ala Gln Pro Lys Gln Thr Thr Cys Trp Asp Gly Val Arg Asn Tyr
 85 90 95
 Gln Ala Arg Asn Phe Leu Arg Ala Met Lys Leu Gly Glu Glu Ala Phe
 100 105 110
 Phe Tyr His Ser Asn Cys Lys Glu Pro Gly Ile Ala Gly Leu Met Lys
 115 120 125
 Ile Val Lys Glu Ala Tyr Pro Asp His Thr Gln Phe Glu Lys Asn Asn
 130 135 140
 Pro His Tyr Asp Pro Ser Ser Lys Glu Asp Asn Pro Lys Trp Ser Met
 145 150 155 160
 Val Asp Val Gln Phe Val Arg Met Met Lys Arg Phe Ile Pro Leu Ala
 165 170 175
 Glu Leu Lys Ser Tyr His Gln Ala His Lys Ala Thr Gly Gly Pro Leu
 180 185 190
 Lys Asn Met Val Leu Phe Thr Arg Gln Arg Leu Ser Ile Gln Pro Leu
 195 200 205
 Thr Gln Glu Glu Phe Asp Phe Val Leu Ser Leu Glu Glu Lys Glu Pro
 210 215 220

Ser
 225

<210> 7
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:primer TIP2c-s

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18

<210> 8
 <211> 18
 <212> DNA
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<220>
 <223> Description of Artificial Sequence:primer TIP2b-r

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18

<210> 9

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:primer Hcthy-s

<400> 9

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<210> 10

<211> 40

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer Hcthy-r

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